

From: [Moore, Gary](#)  
To: [Cobb, Derrick](#)  
Subject: Fw: CES Environmental update  
Date: Wednesday, October 08, 2014 11:49:49 AM  
Attachments: [removed.txt](#)

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**FYI**

**Gary Moore**

**Federal On-Scene Coordinator**

**U.S. EPA Region 6**

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**From: Crawford, Beth**

**Sent: Wednesday, October 8, 2014 10:20 AM**

**To: Moore, Gary; Cassidey, LeRoy**

**Subject: FW: CES Environmental update**

**Beth,**

Below is an update on the analysis. Our technical / approvals group should complete its review today for the samples that have been analyzed, and the last two samples should have analysis completed today. I have looked at the analysis that have been completed to this point and will give you a quick summary.

Organic Liquid / VB633 - 3.3% sulfur and 6.5% sodium. I think we may be able to accept this in vacuum box rather than requiring drums as originally expected, but I need to confirm this. We will need to charge additional \$0.21 per pound for the sodium. The Veolia profile # is 678669

Organic Sludge, Flammable / VB639 - 4.3% sulfur and 3.34% sodium. We will need to charge additional \$0.105 per pound for the sodium, but everything else looks acceptable. The Veolia profile # is 678293.

Organic Sludge / multiple boxes as follows:

VB25141 - 69.7% sulfur (rerun is 71.2% sulfur) and 0.9% Sodium. We will need to charge additional \$0.035 per pound for sodium surcharge. We will need to charge additional \$0.42 per pound for the sulfur and this will impact our feed rate so boxes will be on site longer than originally expected.

VB281842 - 65.1% sulfur (rerun is 48.6%) and 0.7% sodium. Additional \$0.035 per pound for sodium surcharge. Additional \$0.30 per pound sulfur surcharge based upon average sulfur and this will impact our feed rate so boxes will be on site longer than originally expected.

VB640 - 42.8% sulfur (rerun is 48.6%) and 1.45% sodium. Additional \$0.035 per pound sodium surcharge. Additional \$0.24 per pound sulfur surcharge based upon average sulfur and this will impact our feed rate so boxes will be on site longer than originally expected.

VB610 - 17.6 ppm Mercury. Additional surcharge will apply at \$2,000.00 per pound of elemental mercury

VB618 - 3.18% sodium. Additional \$0.105 per pound sodium surcharge.

Veolia profile # is 678291

The other two boxes should have analysis completed today. I will follow up with you later today to confirm everything. For the one that is listed as Organic Congealed

Flubber, I will give you some more information as soon as I can. I do not know how this will be able to be managed because of the physical consistency.

We will also want to make some modifications to the chemical composition on the profile to more accurately describe the waste based upon our analysis. I will provide this information to you in a follow up email.



**Beth Crawford**

**Scientist**

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